100

INPUT ITEMS
104

PROGRAMMING PARAMETERS
116

INFORMATION ITEMS
118

DEVELOPMENT SYSTEM
106

μP
120

SW
122
124

TRANSFER MEDIUM
108

FILE
114

HARDWARE PROGRAMMER
110

SW
126

128

FILE READER AND/OR PARSING ENG.
112

PROGRAMMABLE LOGIC DEVICE
102

SAVED PROGRAMMING PARAMETERS
116

SAVED INFORMATION ITEMS
118
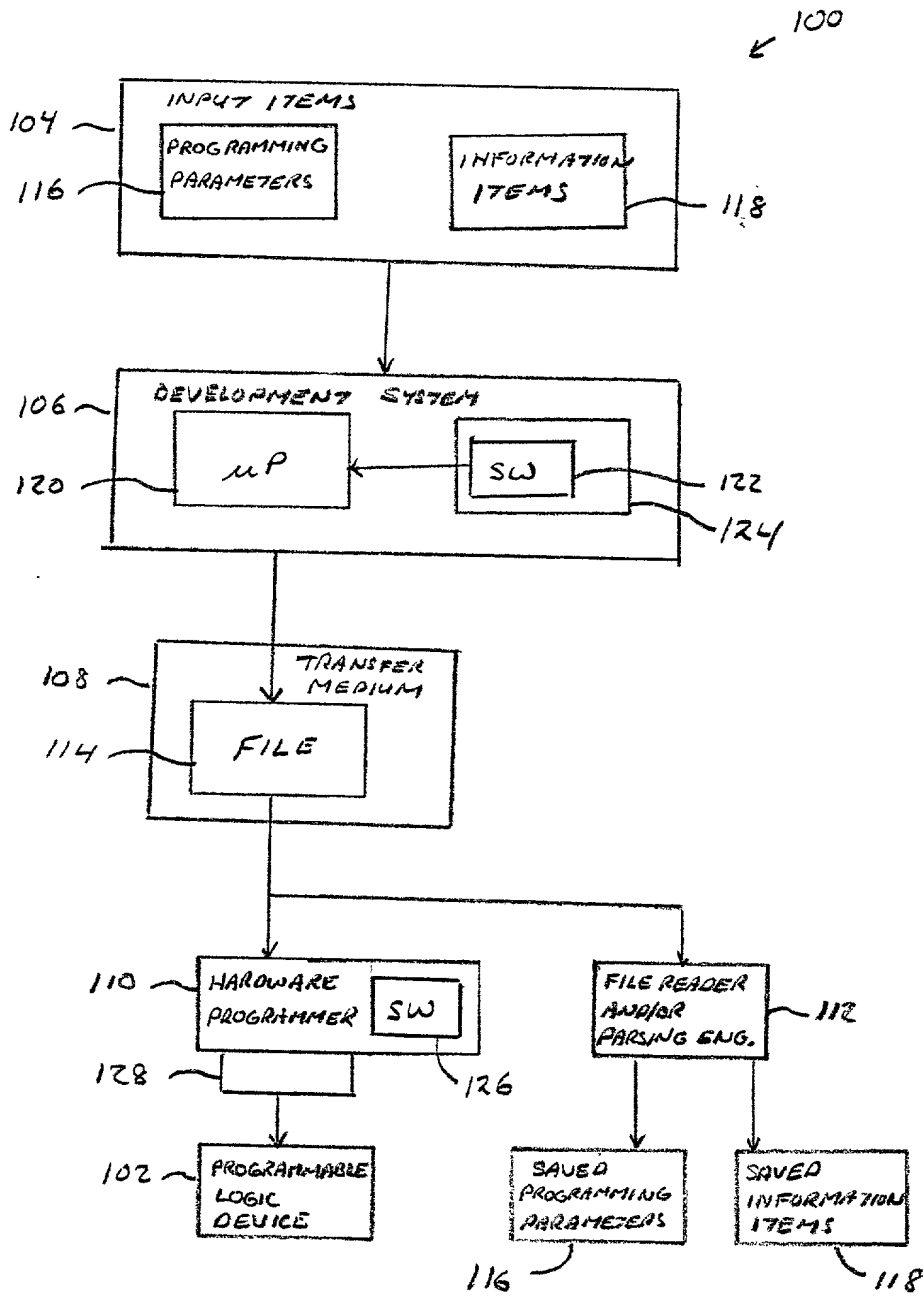
FIG. 1

~ 114

```
Generated by CyClocksRT R1.05.00


Modification Date: 7/23/2001
Comments:
Customer:
FAE:
License #: dj0dk7mb2ec-cc0fn0sp1sn

Don't modify file contents after this line:
# < Checksum: 74F47101
# s NMF3344

# f  10.000000 ;External Ref
# f 300.000000 ;Pll3
# f 266.000000 ;Pll2
# f 300.000000 ;Pll1, 0x
# f 300.000000 ;Pll1, 1
# f 300.000000 ;Pll1, 2
# f 300.000000 ;Pll1, 3
# f 400.000000 ;Pll1, 4
# f 400.000000 ;Pll1, 5
# f 400.000000 ;Pll1, 6
# f 400.000000 ;Pll1, 7>

*
QP0008* QF2048* G0*
L00064
10001010100000001000100010000000000000111
10000100011010110101011101010100000011
00111111011001000000000000011011011000000
00000000000000000000000001110100100001000*

L00512
000000000001101101100000
000000000001101101100000
000000000001101101100000
000000000001101101100000
000000000010010101100000
000000000010010101100000
000000000010010101100000
000000000010010101100000*
C0D56*
```

130

136

132

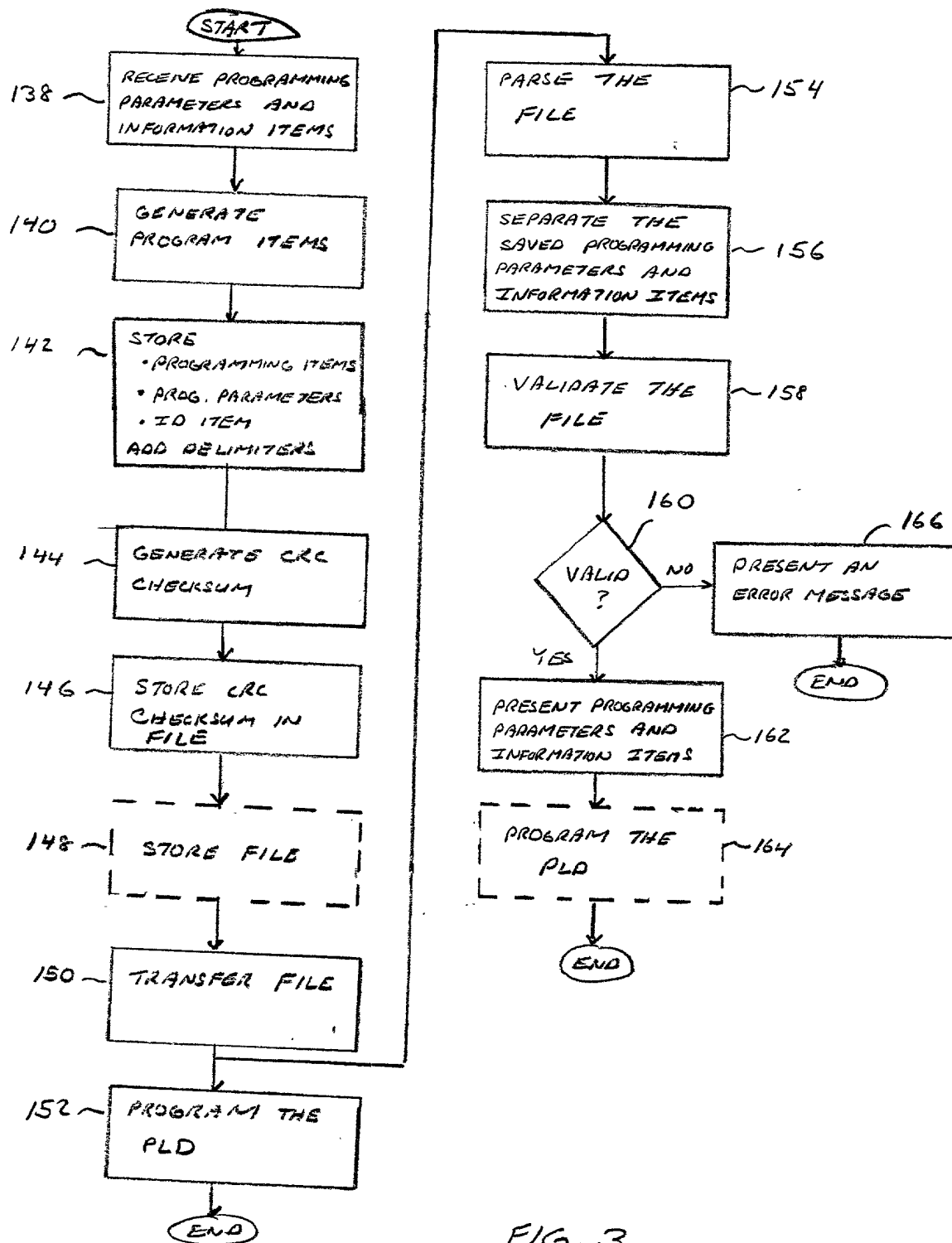134

FIG.2

START

138 — RECEIVE PROGRAMMING PARAMETERS AND INFORMATION ITEMS

140 — GENERATE PROGRAM ITEMS

142 — STORE
• PROGRAMMING ITEMS
• PROG. PARAMETERS
• ID ITEM
ADD DELIMITERS

144 — GENERATE CRC CHECKSUM

146 — STORE CRC CHECKSUM IN FILE

148 — STORE FILE

150 — TRANSFER FILE

152 — PROGRAM THE PLD

END

154 — PARSE THE FILE

156 — SEPARATE THE SAVED PROGRAMMING PARAMETERS AND INFORMATION ITEMS

158 — VALIDATE THE FILE

160 — VALID ?

NO → 166 — PRESENT AN ERROR MESSAGE

END

YES

162 — PRESENT PROGRAMMING PARAMETERS AND INFORMATION ITEMS

164 — PROGRAM THE PLD

END

FIG. 3